

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014291.D
 Acq On : 14 Jan 2020 12:05
 Operator : SY/MD
 Sample : L1109-24
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 14 22:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1013060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	930910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	436813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	281792	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	230108	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.13	63	420591	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.96	46	724736	42.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.12%
24) Chloroform-d	4.40	84	593336	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	288314	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.09	84	1249165	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.11	67	395018	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.35	98	1143413	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	158851	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.13	63	650783	40.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.68%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	252609	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	359175	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	274437	3.615	ug/L	99
6) Bromomethane	1.54	94	146594	3.644	ug/L	98
9) Trichlorofluoromethane	1.77	101	617563	7.378	ug/L	100
12) 1,1-Dichloroethene	2.14	96	158961	3.512	ug/L #	86
13) Acetone	2.23	43	400545	34.159	ug/L	93
14) Carbon disulfide	2.32	76	1010944	5.034	ug/L	98
15) Methyl Acetate	2.23	43	380564	13.942	ug/L #	52
16) Methylene chloride	2.53	84	169722	2.304	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	1305362	7.793	ug/L	99
19) 1,1-Dichloroethane	3.23	63	1126411	8.447	ug/L	98
21) 2-Butanone	4.04	43	2037702	115.851	ug/L	100
27) 1,2-Dichloroethane	5.18	62	499594	6.541	ug/L #	94
29) 1,1,1-Trichloroethane	4.65	97	907595	8.190	ug/L	99
30) Cyclohexane	4.72	56	1377733	11.260	ug/L	97
31) Carbon tetrachloride	4.65	117	112571	1.186	ug/L	100
34) Trichloroethene	5.96	95	361716	4.910	ug/L	98
35) Methylcyclohexane	6.17	83	786957	6.533	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

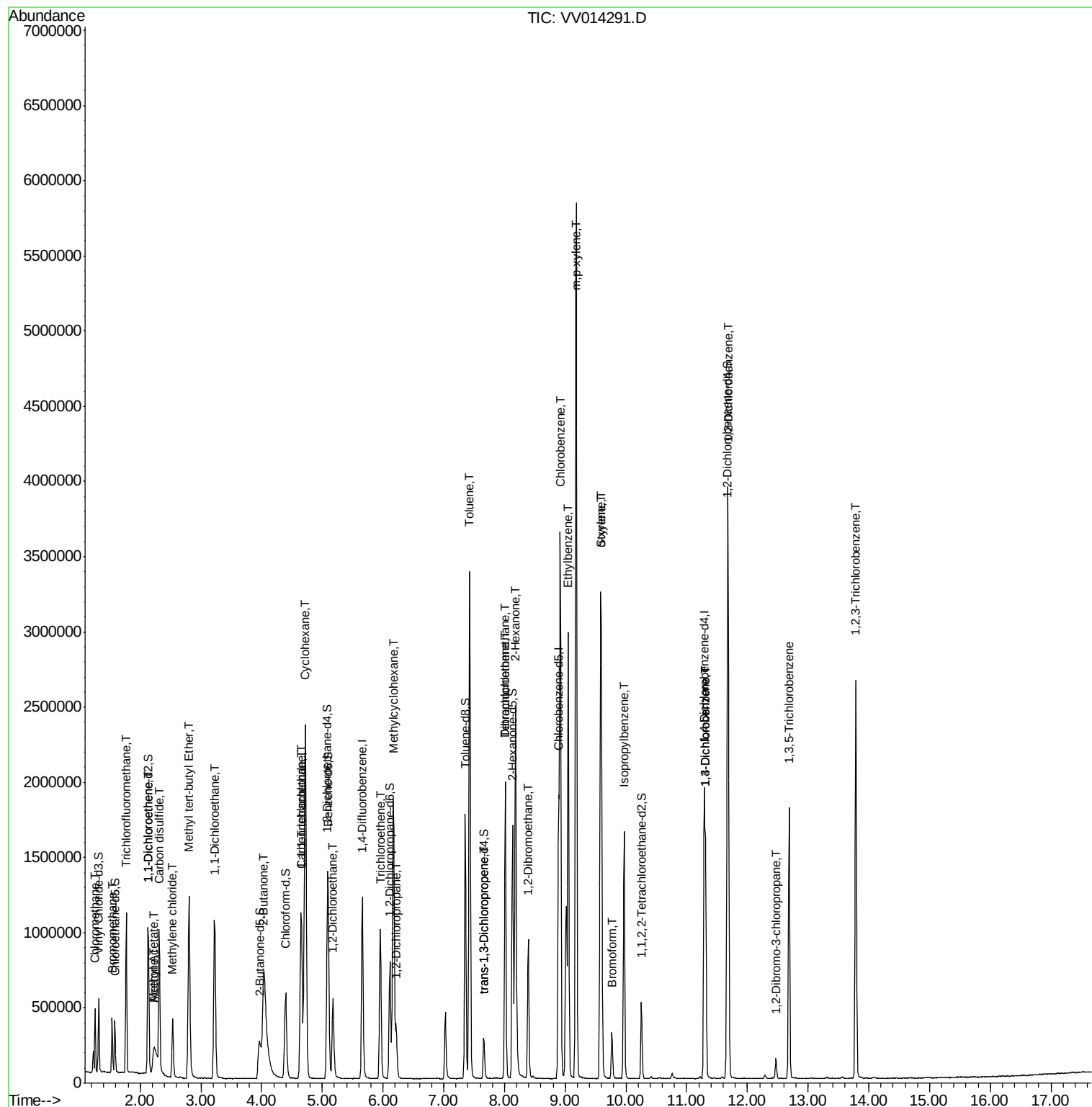
37) 1,2-Dichloropropane	6.22	63	141758	1.959	ug/L	100
42) Toluene	7.42	91	2420120	7.997	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	6704	0.075	ug/L	85
47) Tetrachloroethene	8.01	164	411303	8.172	ug/L	98
48) 2-Hexanone	8.18	43	1750266	55.473	ug/L	97
49) Dibromochloromethane	8.01	129	400808	6.858	ug/L #	10
50) 1,2-Dibromoethane	8.39	107	622644	13.909	ug/L #	95
51) Chlorobenzene	8.92	112	1836424	9.867	ug/L	99
52) Ethylbenzene	9.05	91	2046753	6.046	ug/L	99
53) m,p-xylene	9.18	106	1537652	12.311	ug/L	99
54) o-xylene	9.58	106	621817	5.063	ug/L	98
55) Styrene	9.60	104	1031731	4.959	ug/L	97
56) Isopropylbenzene	9.97	105	1054759	3.292	ug/L	99
61) Bromoform	9.77	173	133361	4.504	ug/L	100
62) 1,3-Dichlorobenzene	11.31	146	555964	4.071	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	555964	4.094	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1371510	11.121	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	36629	3.231	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	505370	5.089	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	737865	9.627	ug/L	99

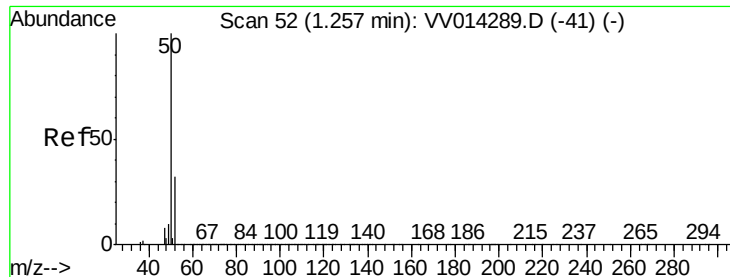
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.615 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

Instrument :

MSVOA_V

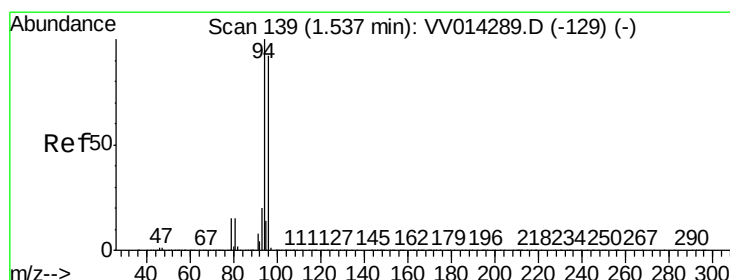
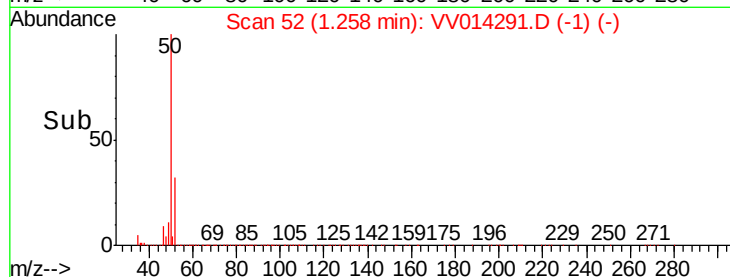
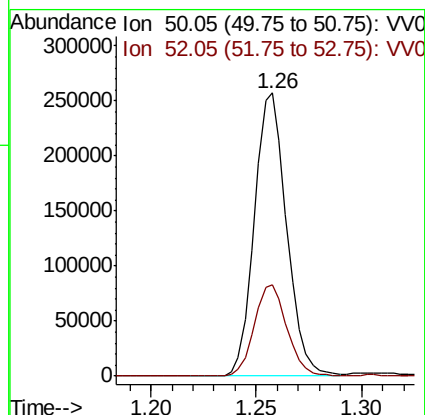
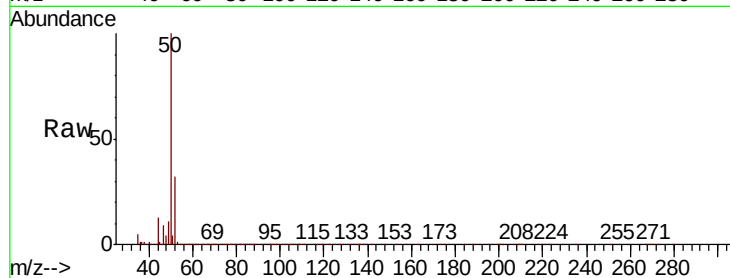
ClientSampled :

Tot Ion: 50 Resp: 274437

Ion Ratio Lower Upper

50 100

52 32.5 22.3 41.3



#6

Bromomethane

Concen: 3.644 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014291.D

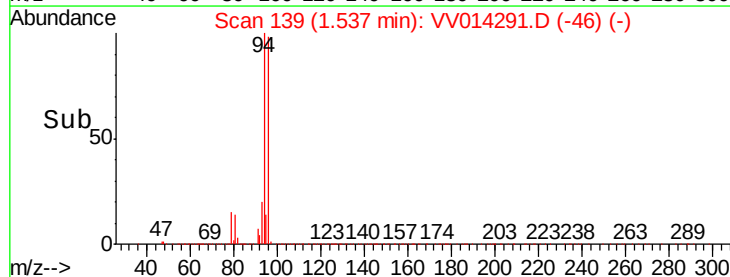
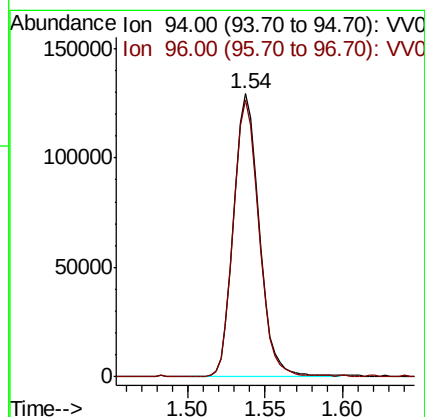
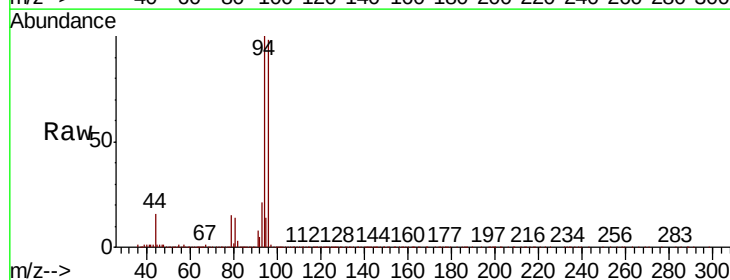
Acq: 14 Jan 2020 12:05

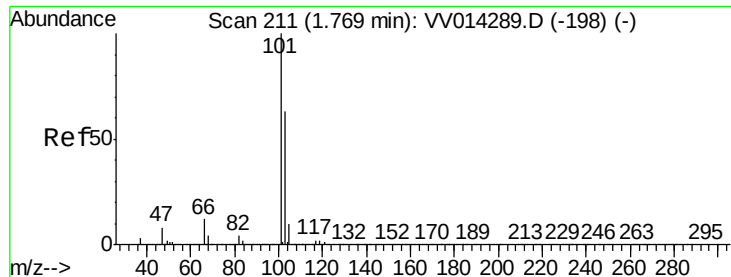
Tgt Ion: 94 Resp: 146594

Ion Ratio Lower Upper

94 100

96 98.0 66.9 124.3





#9

Trichlorofluoromethane

Concen: 7.378 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

Instrument :

MSVOA_V

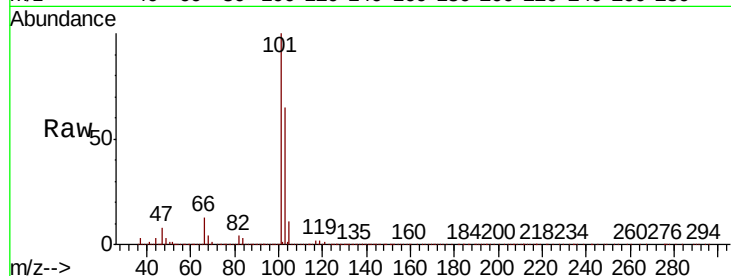
ClientSampled :

Tot Ion:101 Resp: 617563

Ion Ratio Lower Upper

101 100

103 65.3 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.77

500000

400000

300000

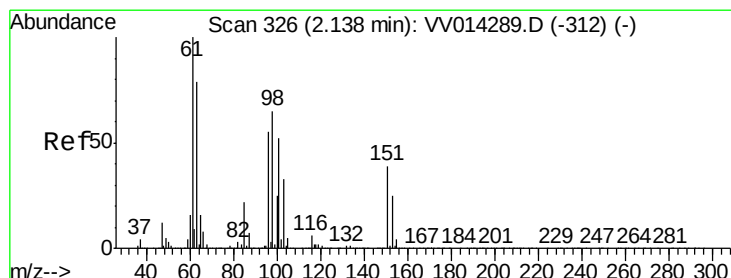
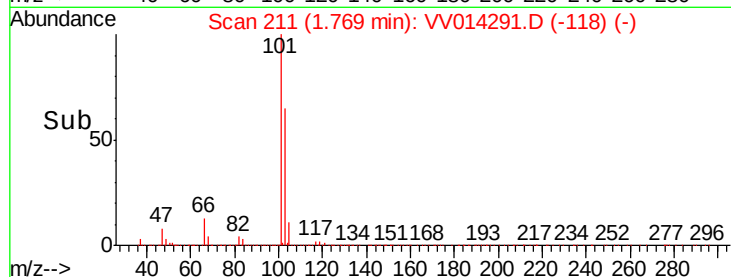
200000

100000

0

Time-->

1.70 1.75 1.80 1.85



#12

1,1-Dichloroethene

Concen: 3.512 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

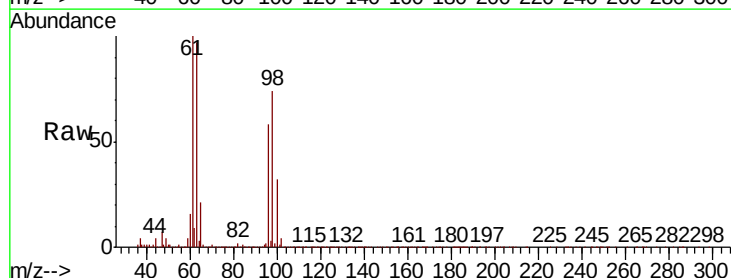
Tgt Ion: 96 Resp: 158961

Ion Ratio Lower Upper

96 100

61 173.5 121.5 225.7

63 168.1 90.3 167.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

300000

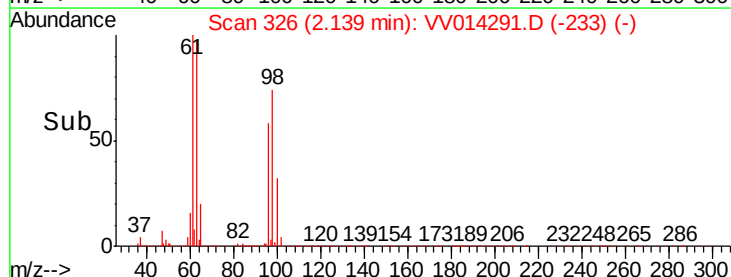
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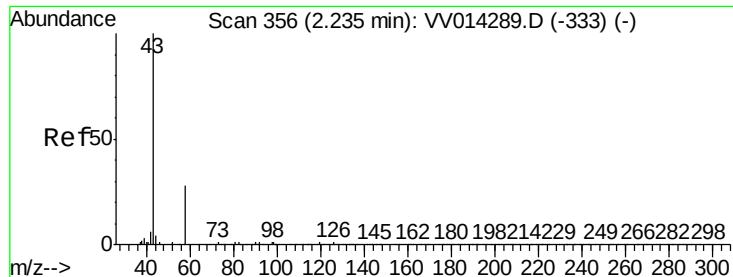
100000

0

Time-->

2.05 2.10 2.15 2.20

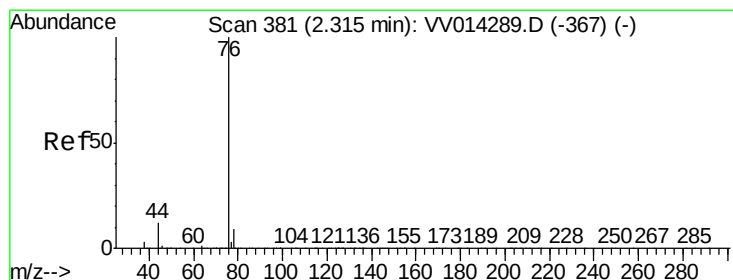
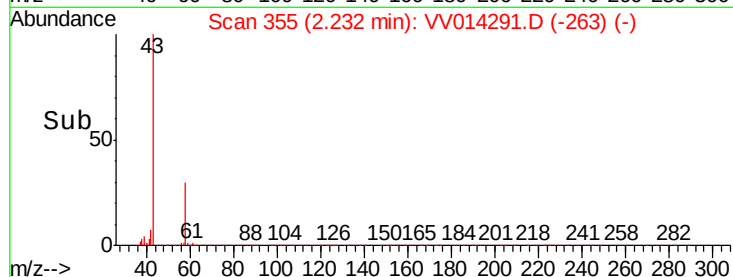
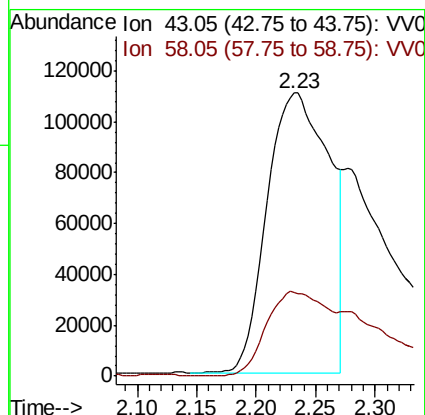
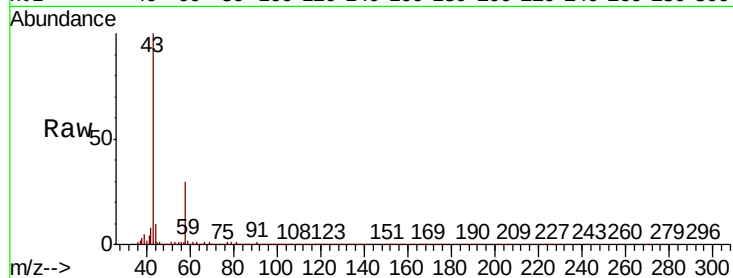




#13
Acetone
Concen: 34.159 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

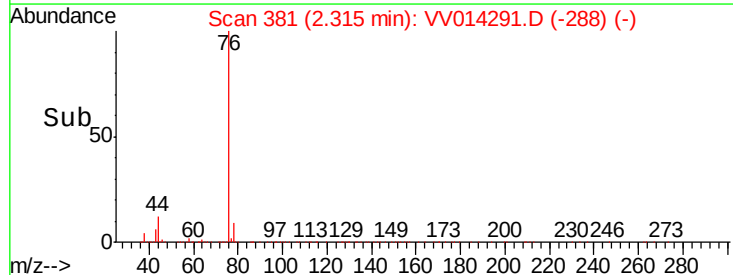
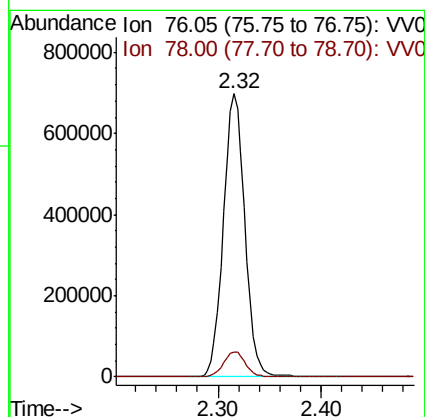
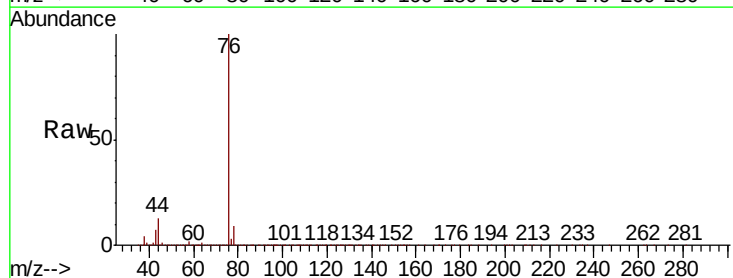
Instrument :
MSVOA_V
ClientSampleId :

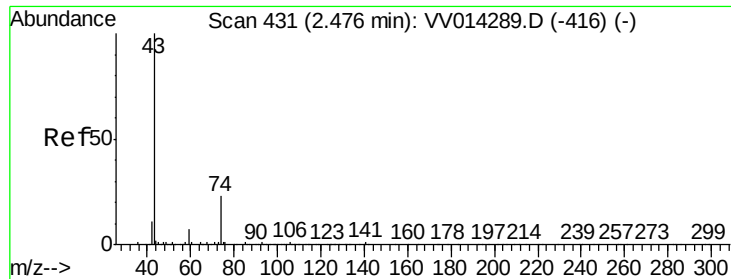
Tot Ion: 43 Resp: 400545
Ion Ratio Lower Upper
43 100
58 28.9 0.0 66.0



#14
Carbon disulfide
Concen: 5.034 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion: 76 Resp: 1010944
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

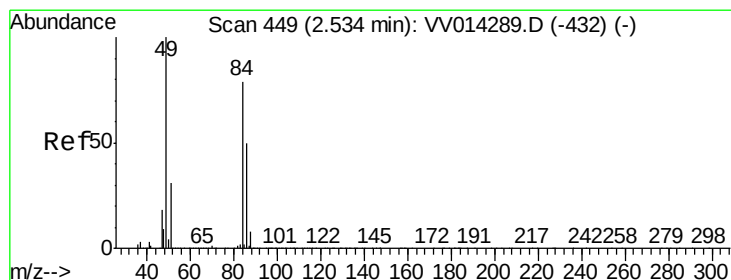
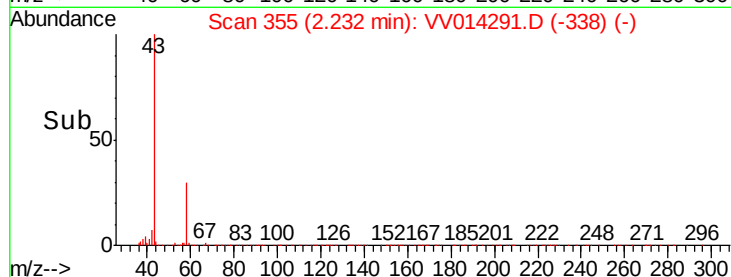
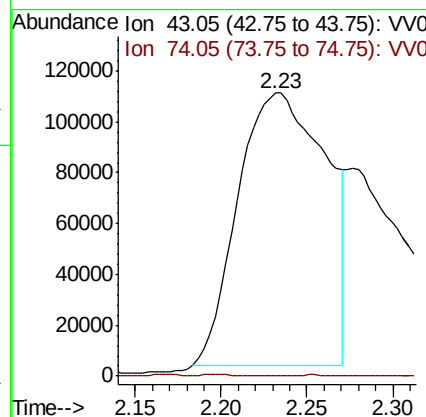
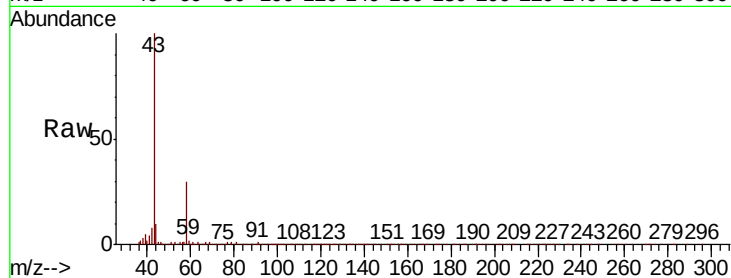




#15
Methyl Acetate
Concen: 13.942 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.24 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

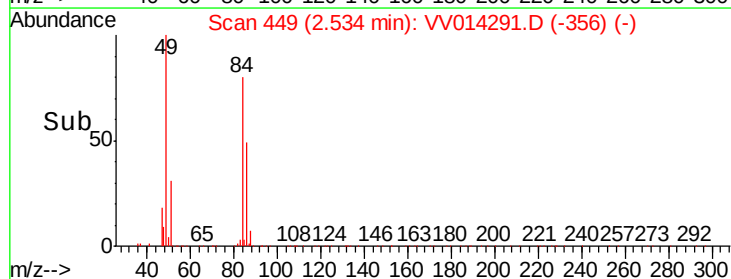
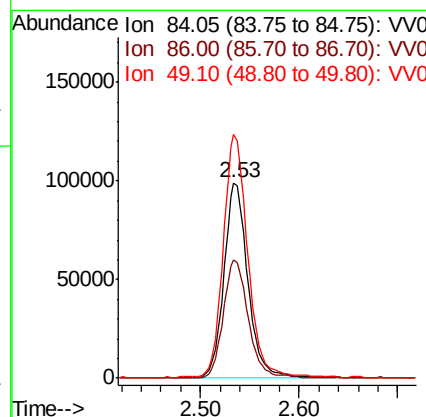
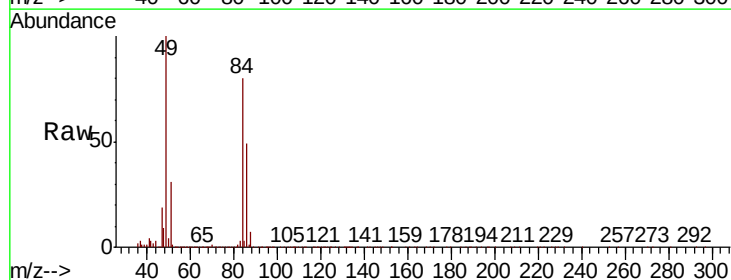
Instrument :
MSVOA_V
ClientSampled :

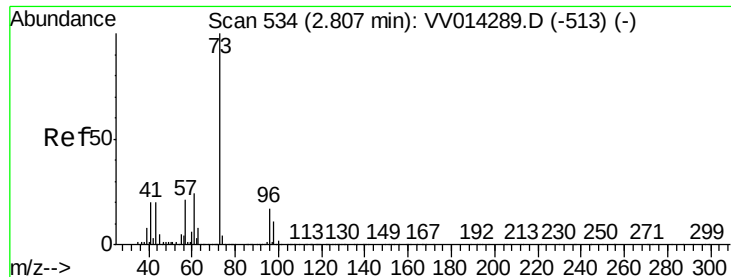
Tot Ion: 43 Resp: 380564
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#16
Methylene chloride
Concen: 2.304 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion: 84 Resp: 169722
Ion Ratio Lower Upper
84 100
86 60.8 43.1 80.1
49 124.9 82.1 152.5



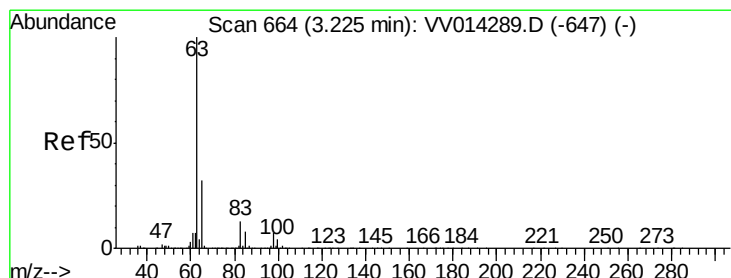
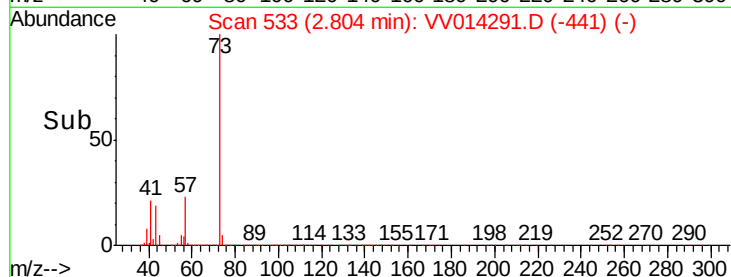
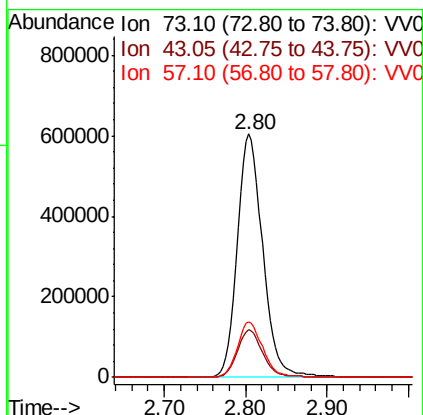
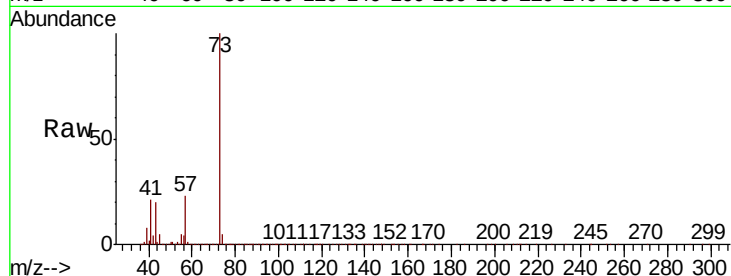


#17
Methvl tert-butvl Ether
Concen: 7.793 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 1305362

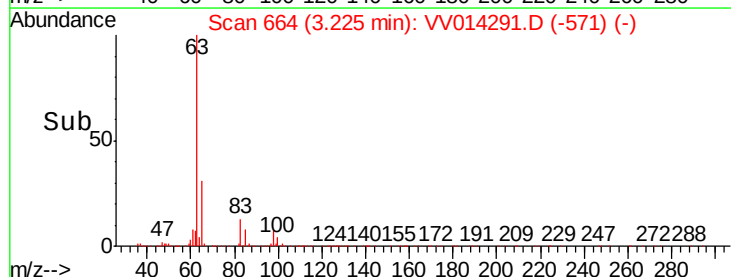
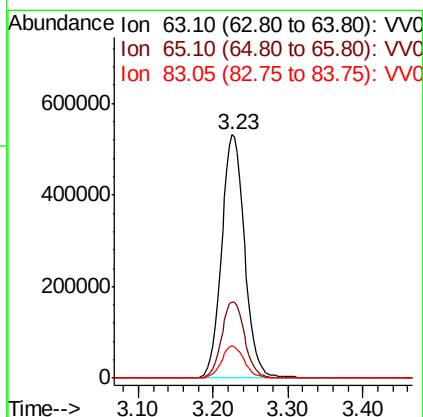
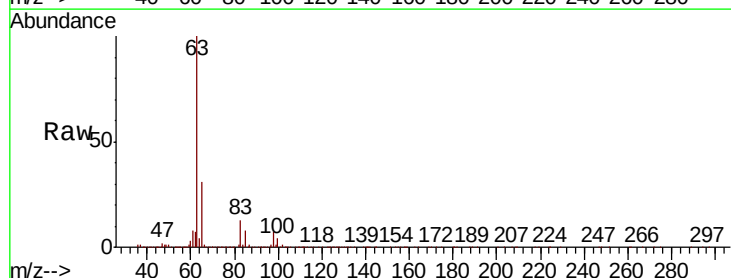
Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.7	22.1
57	22.7	17.9	26.9

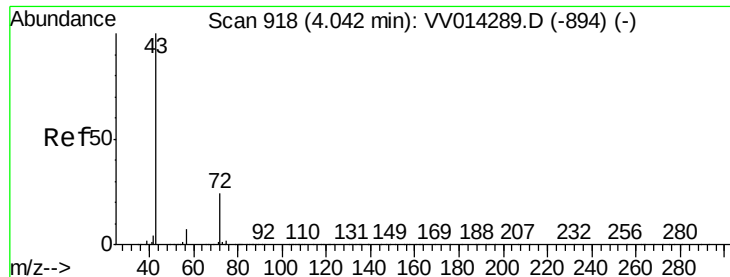


#19
1,1-Dichloroethane
Concen: 8.447 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion: 63 Resp: 1126411

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.7	42.3
83	13.1	10.0	18.6





#21

2-Butanone

Concen: 115.851 ug/L

RT: 4.04 min Scan# 918

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

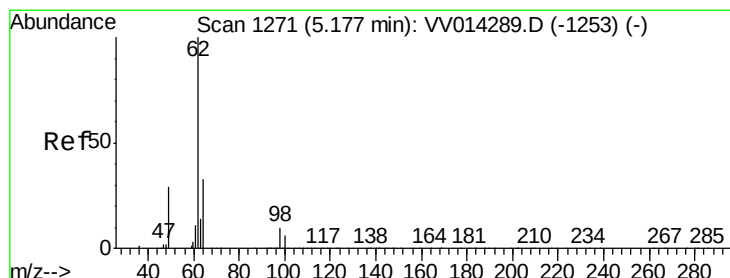
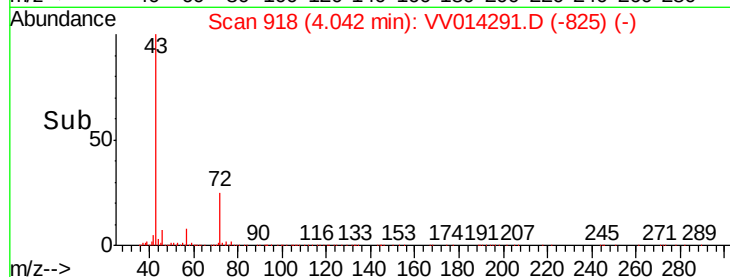
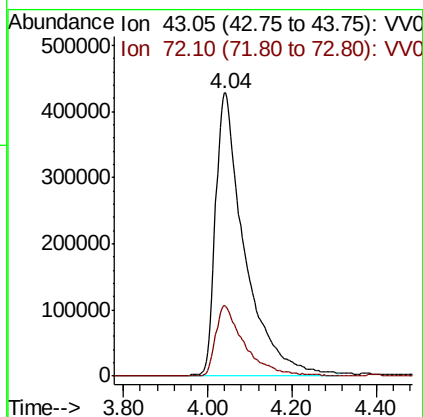
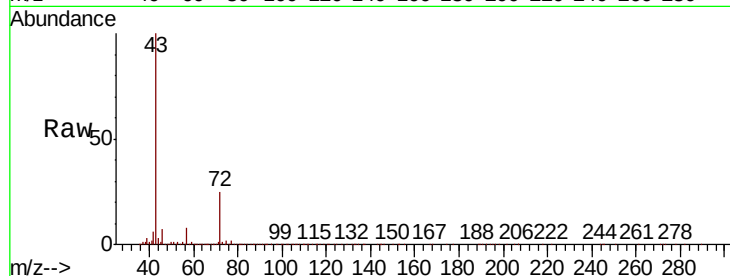
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2037702

Ion Ratio Lower Upper

43 100

72 24.6 12.4 37.2



#27

1,2-Dichloroethane

Concen: 6.541 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VV014291.D

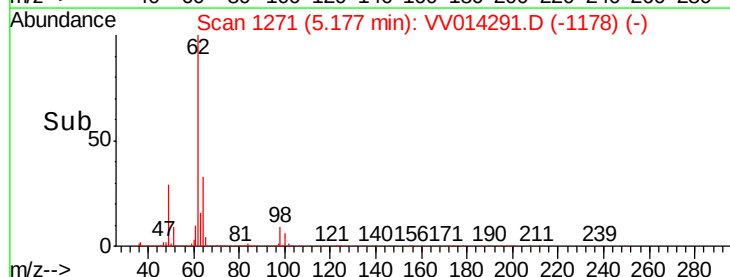
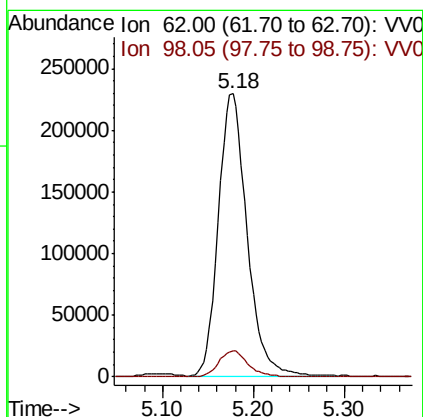
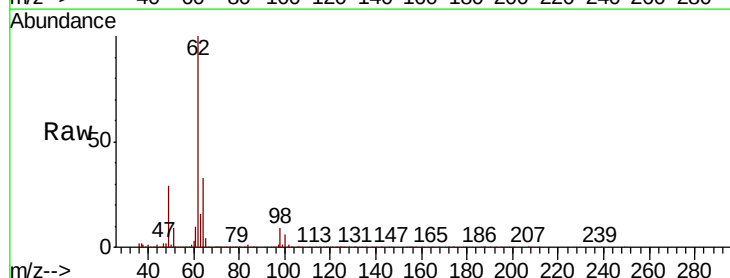
Acq: 14 Jan 2020 12:05

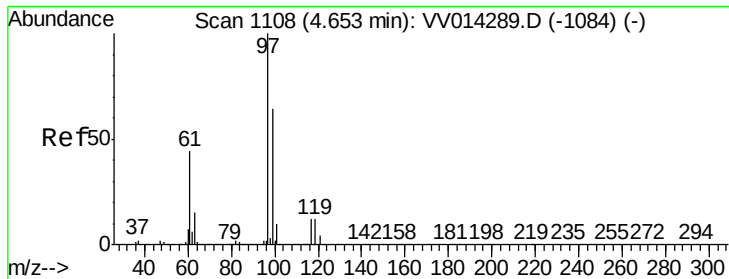
Tgt Ion: 62 Resp: 499594

Ion Ratio Lower Upper

62 100

98 9.1 9.2 13.8#

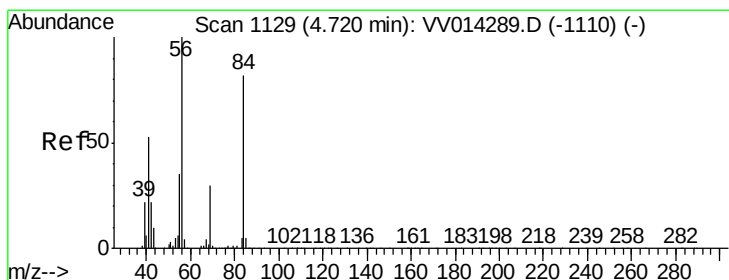
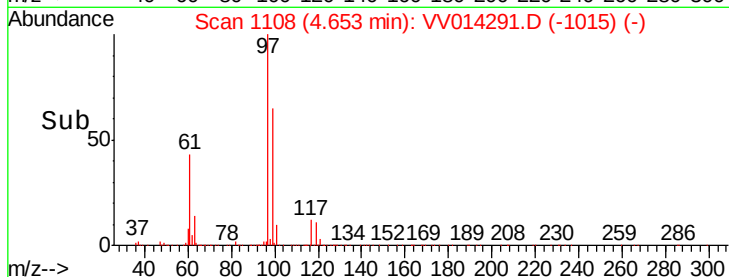
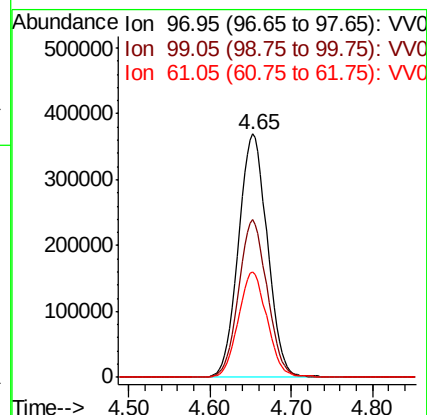
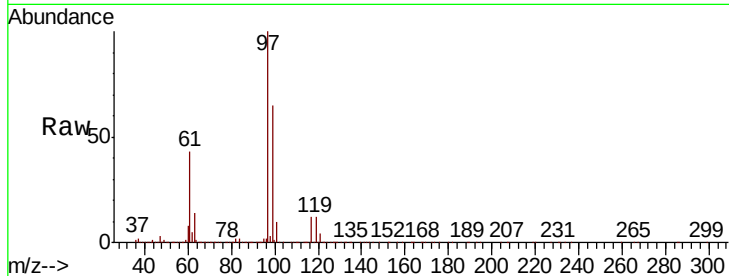




#29
1,1,1-Trichloroethane
Concen: 8.190 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

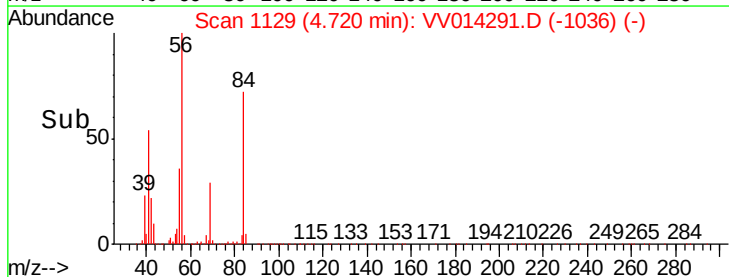
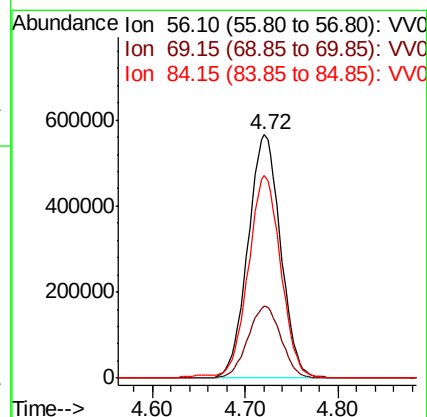
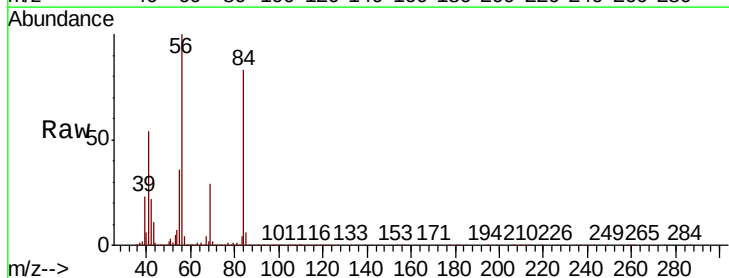
Instrument :
MSVOA_V
ClientSampleId :

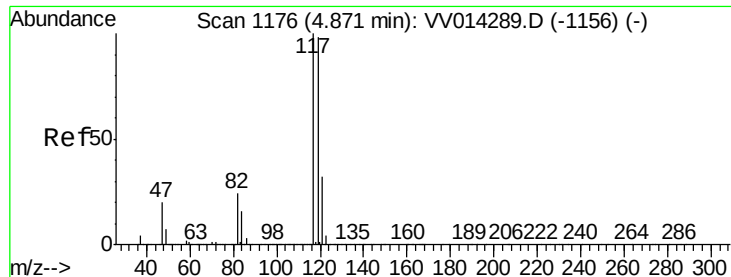
Tot Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	43.1	33.9	50.9



#30
Cyclohexane
Concen: 11.260 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.9	35.9
84	82.8	68.9	103.3

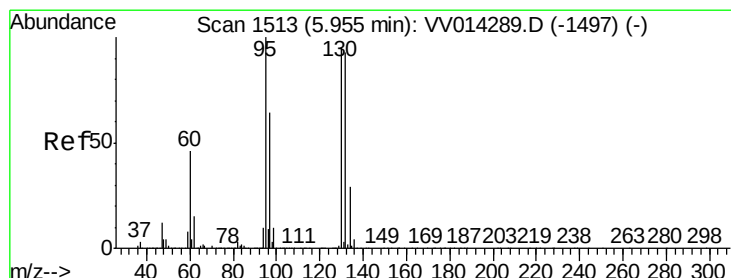
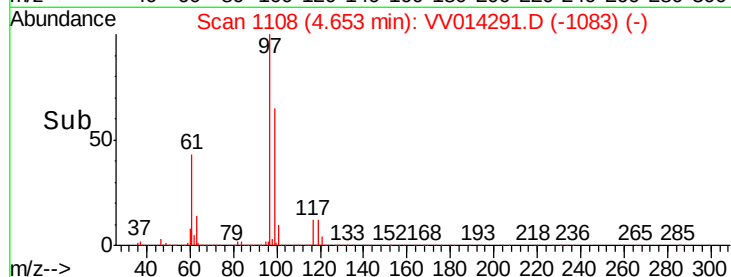
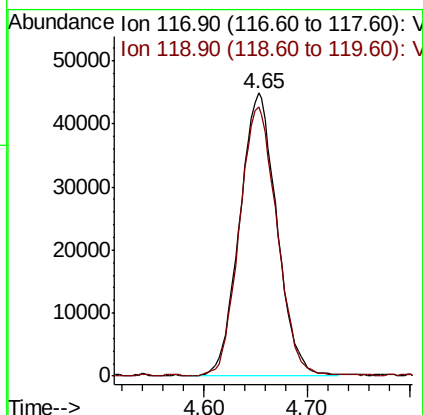
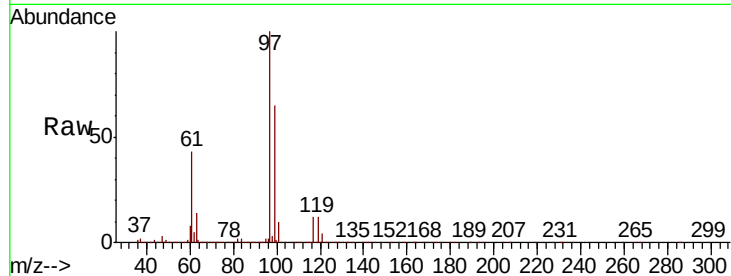




#31
Carbon tetrachloride
Concen: 1.186 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.22 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

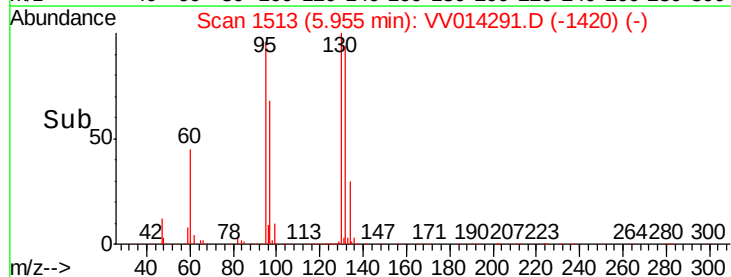
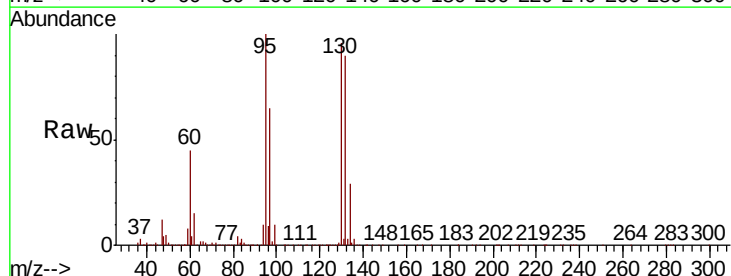
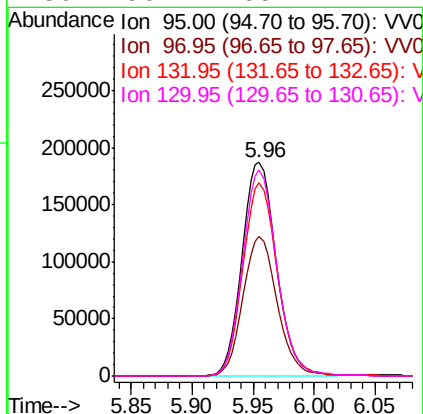
Instrument :
MSVOA_V
ClientSampled :

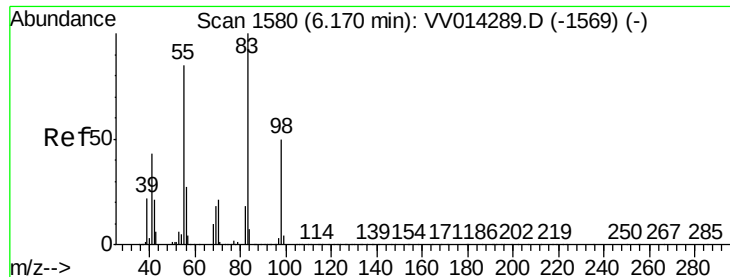
Tot Ion:117 Resp: 112571
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2



#34
Trichloroethene
Concen: 4.910 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion: 95 Resp: 361716
Ion Ratio Lower Upper
95 100
97 65.1 43.8 81.3
132 90.5 63.4 117.8
130 96.2 65.7 122.1

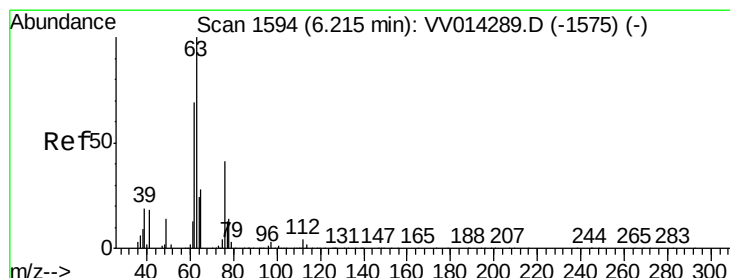
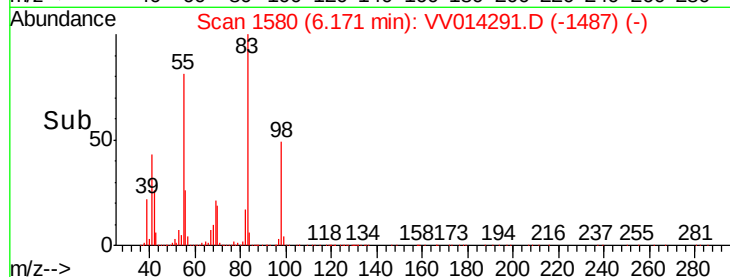
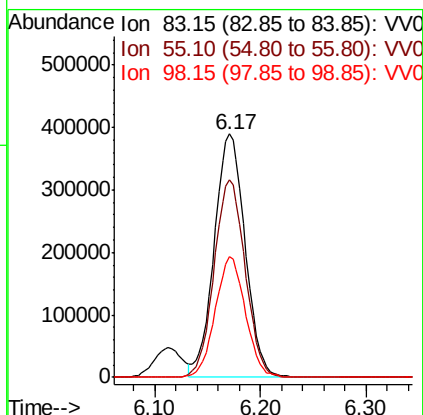
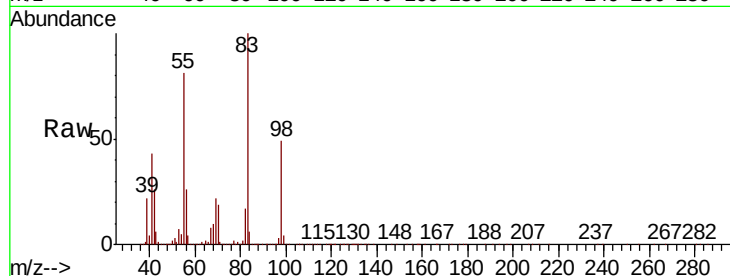




#35
Methvlcvclohexane
Concen: 6.533 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

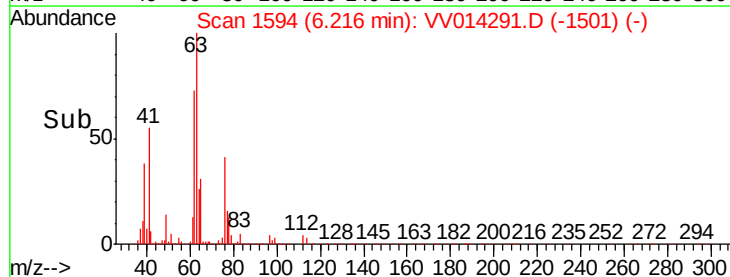
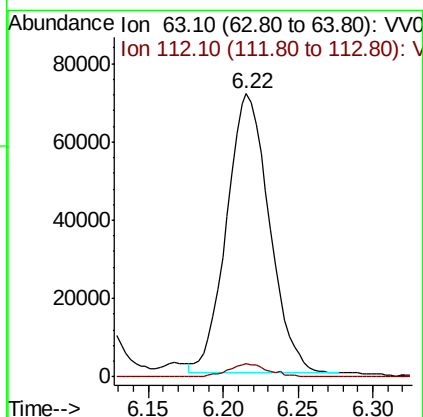
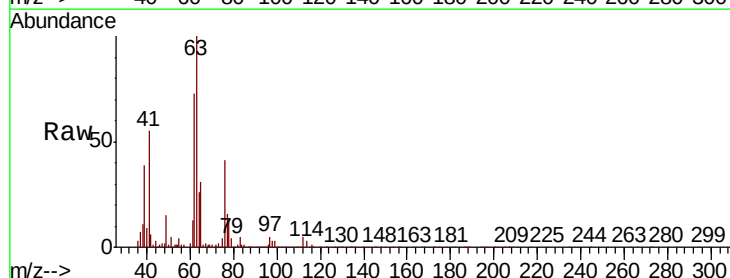
Instrument :
MSVOA_V
ClientSampleId :

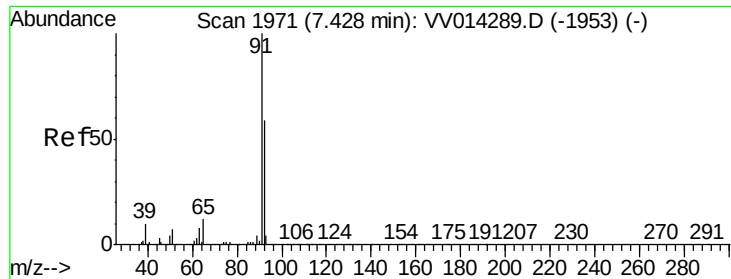
Tot Ion: 83 Resp: 786957
Ion Ratio Lower Upper
83 100
55 82.0 61.7 92.5
98 48.2 38.1 57.1



#37
1,2-Dichloropropane
Concen: 1.959 ug/L
RT: 6.22 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion: 63 Resp: 141758
Ion Ratio Lower Upper
63 100
112 4.4 3.7 5.5





#42

Toluene

Concen: 7.997 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

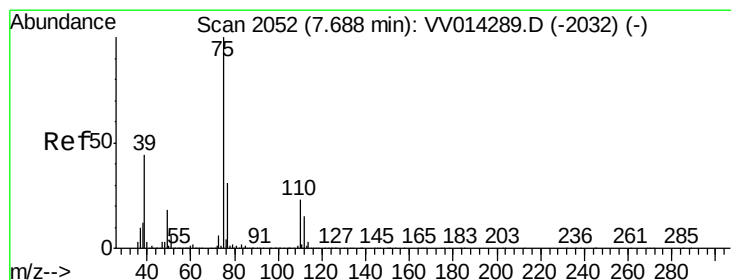
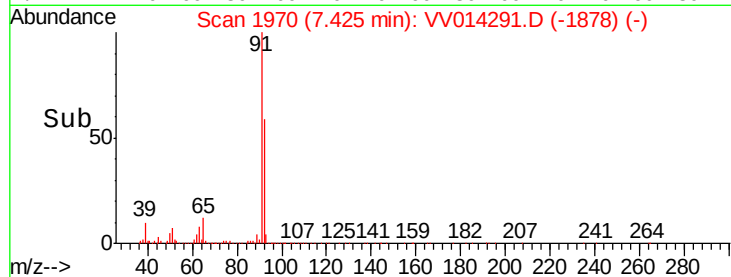
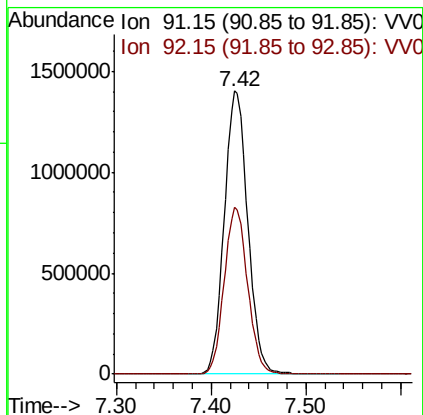
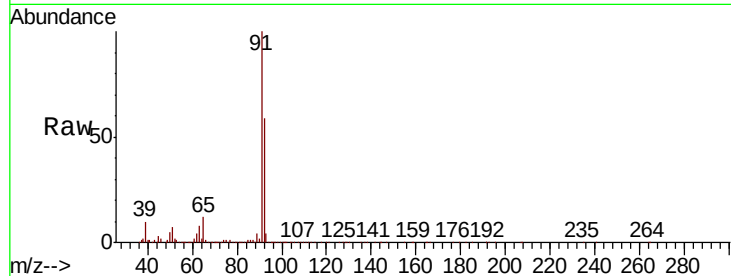
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 2420120

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014291.D

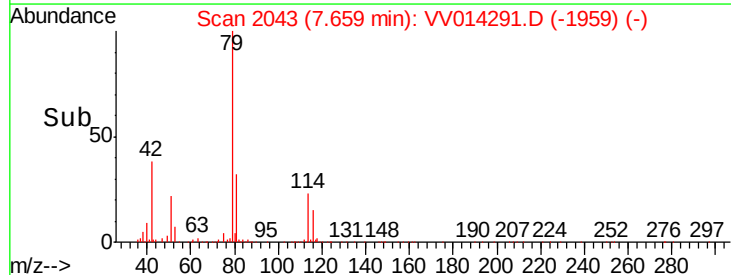
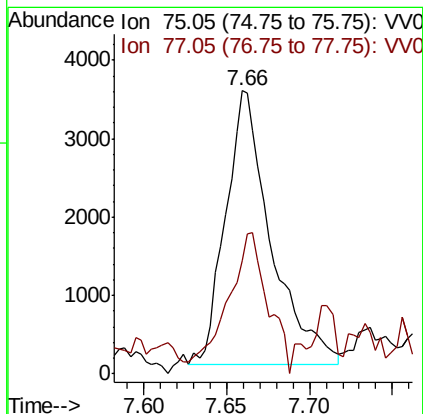
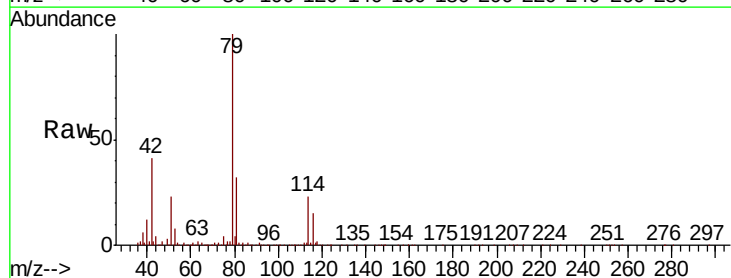
Acq: 14 Jan 2020 12:05

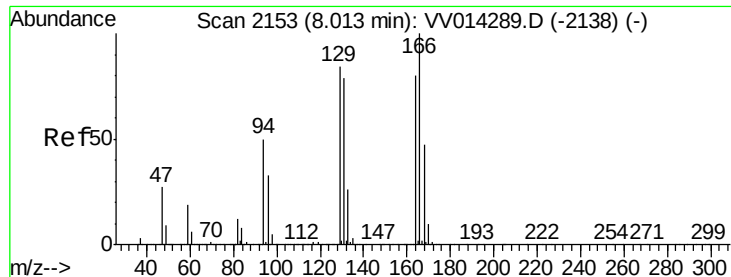
Tgt Ion: 75 Resp: 6704

Ion Ratio Lower Upper

75 100

77 40.0 22.0 41.0

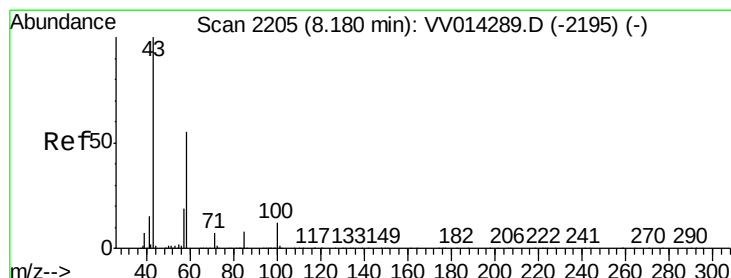
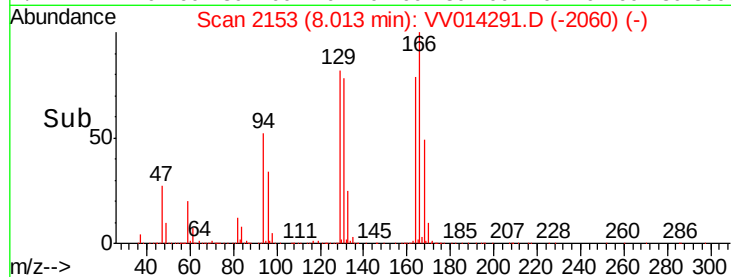
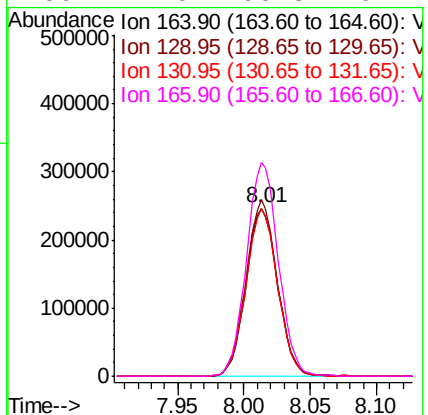
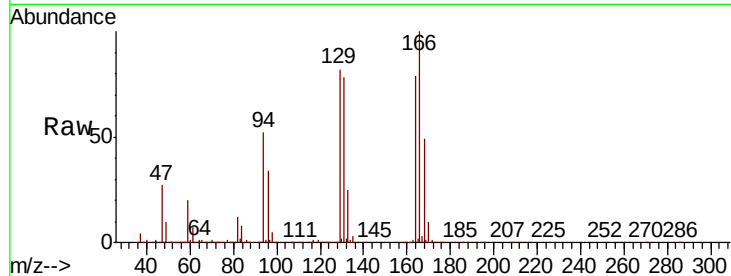




#47
Tetrachloroethene
Concen: 8.172 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

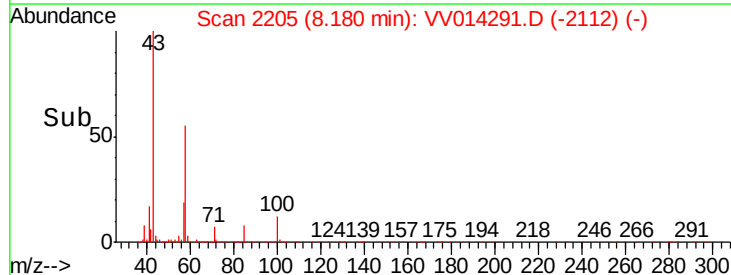
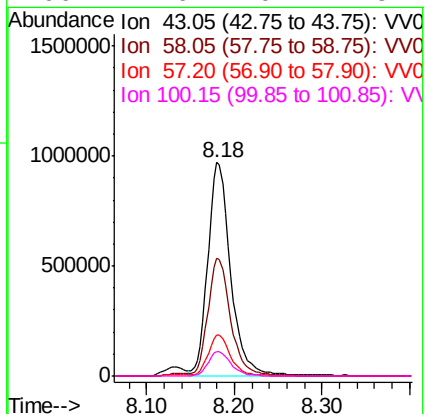
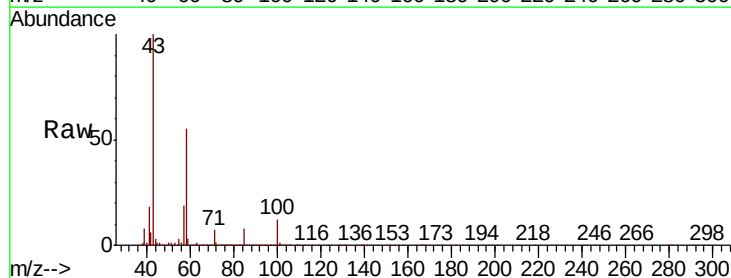
Instrument :
MSVOA_V
ClientSampleId :

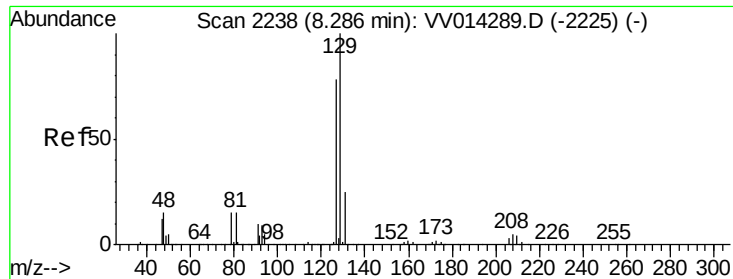
Tot Ion:164 Resp: 411303
Ion Ratio Lower Upper
164 100
129 104.8 71.7 133.3
131 99.4 70.4 130.8
166 127.0 90.3 167.7



#48
2-Hexanone
Concen: 55.473 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion: 43 Resp: 1750266
Ion Ratio Lower Upper
43 100
58 54.6 45.4 68.0
57 18.8 15.8 23.8
100 11.6 10.2 15.4





#49

Dibromochloromethane

Concen: 6.858 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.27 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

Instrument :

MSVOA_V

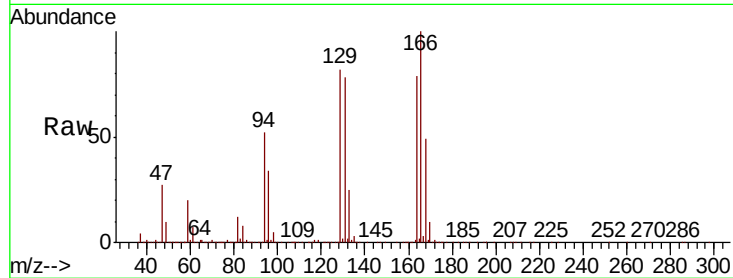
ClientSampled :

Tot Ion:129 Resp: 400808

Ion Ratio Lower Upper

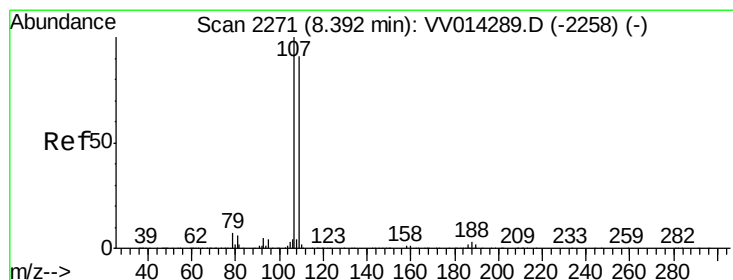
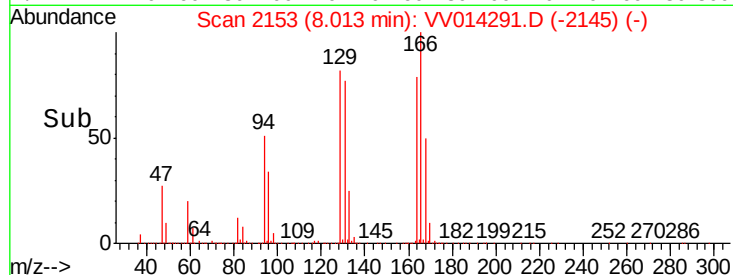
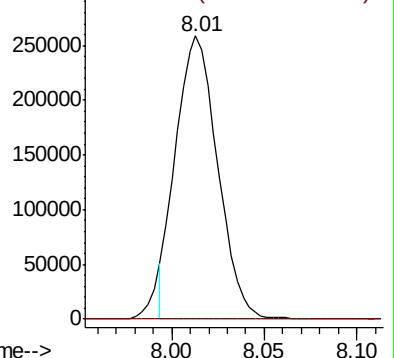
129 100

127 0.2 55.7 103.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 13.909 ug/L

RT: 8.39 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

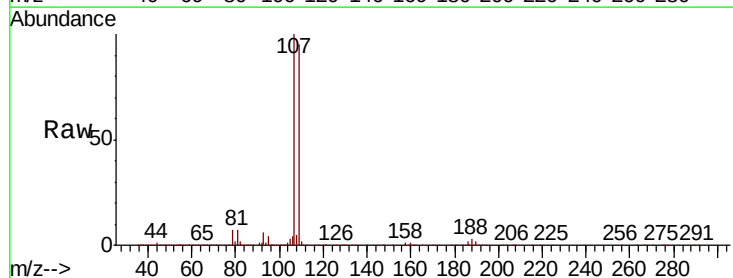
Tgt Ion:107 Resp: 622644

Ion Ratio Lower Upper

107 100

109 95.2 63.0 117.0

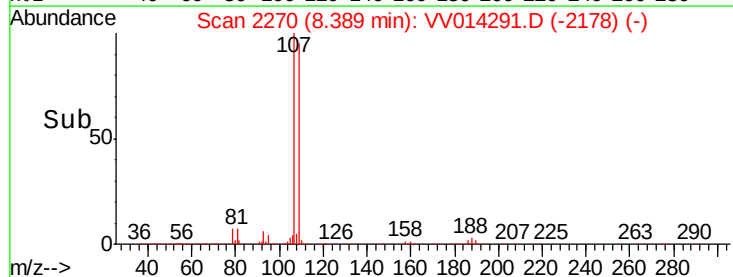
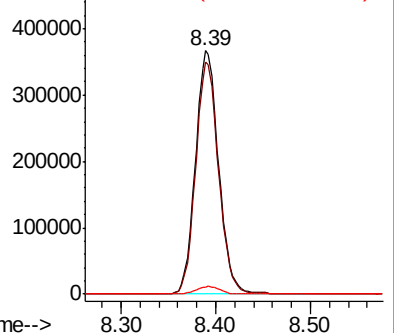
188 3.0 3.0 4.4#

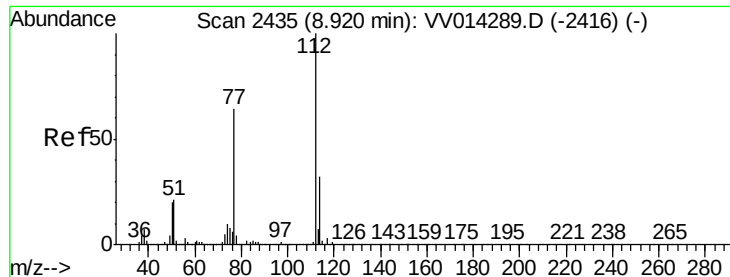


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V





#51

Chlorobenzene

Concen: 9.867 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

Instrument :
MSVOA_V
ClientSampleId :

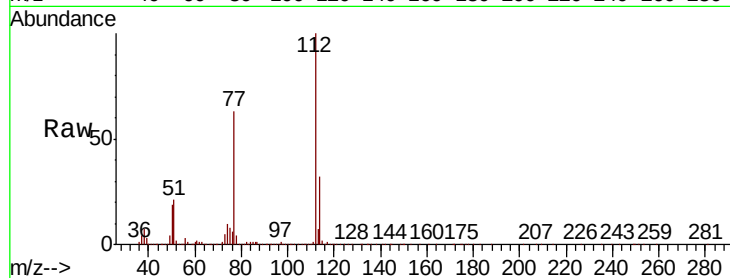
Tot Ion:112 Resp: 1836424

Ion Ratio Lower Upper

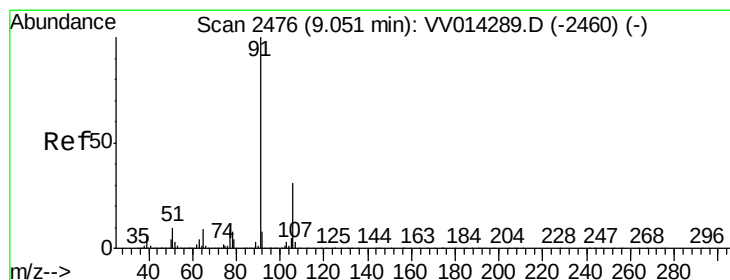
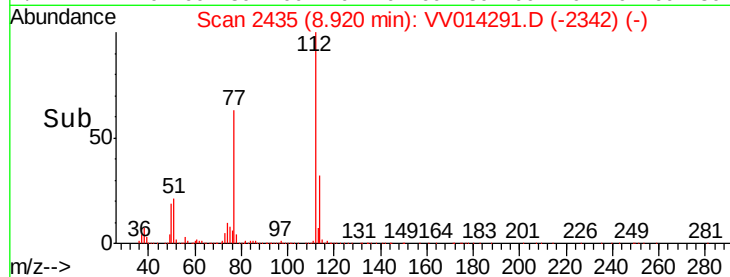
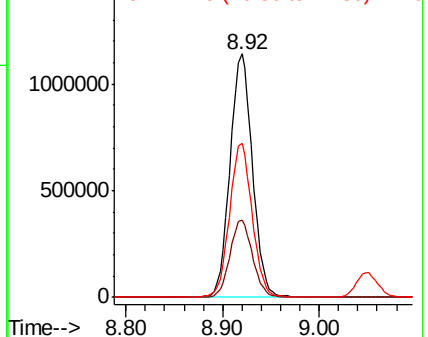
112 100

114 31.9 22.5 41.7

77 63.1 49.3 73.9



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 6.046 ug/L

RT: 9.05 min Scan# 2475

Delta R.T. -0.00 min

Lab File: VV014291.D

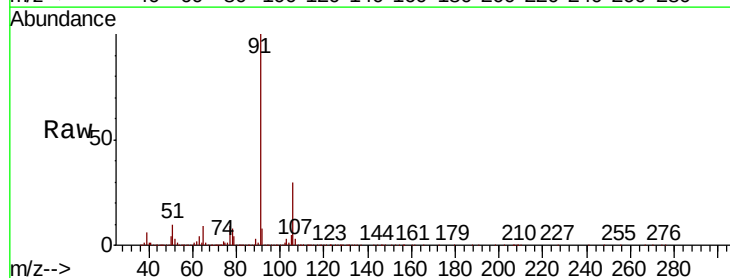
Acq: 14 Jan 2020 12:05

Tgt Ion: 91 Resp: 2046753

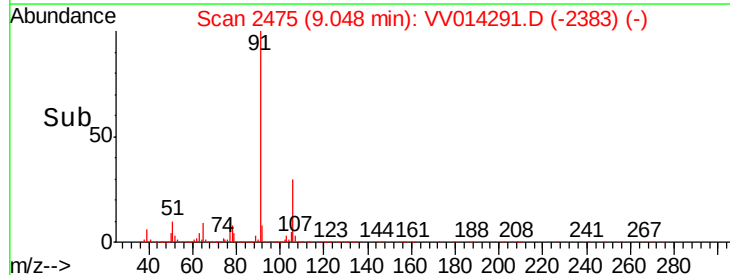
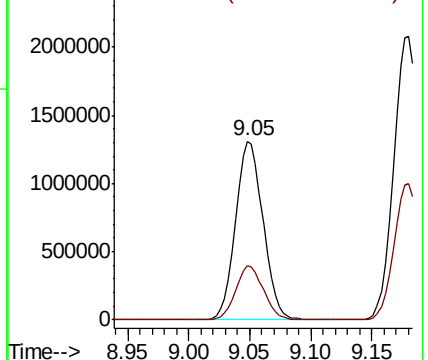
Ion Ratio Lower Upper

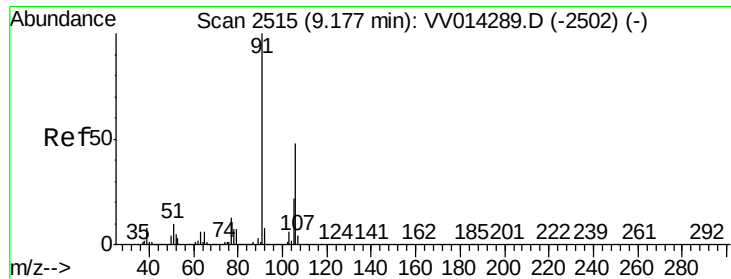
91 100

106 30.1 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 12.311 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

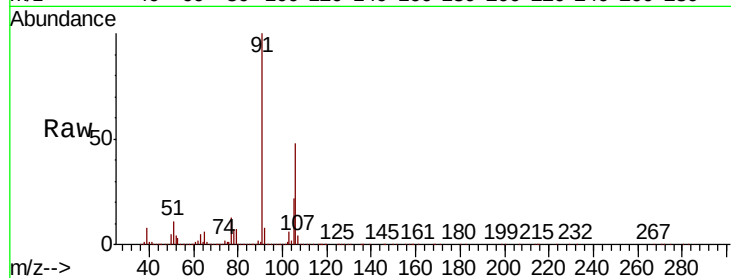
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 1537652

Ion Ratio Lower Upper

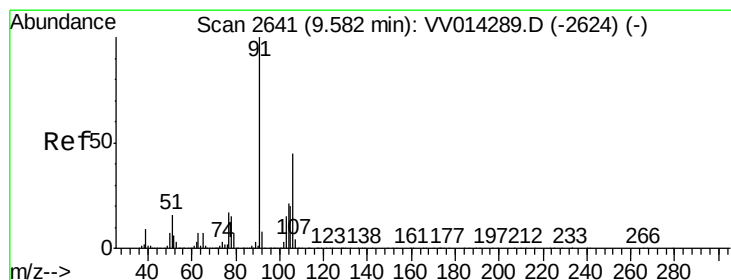
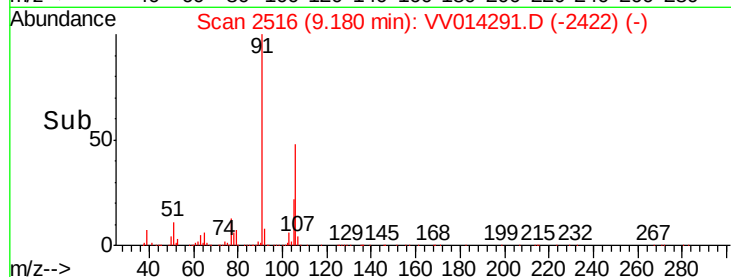
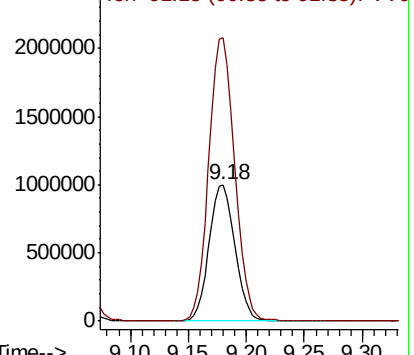
106 100

91 207.6 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 5.063 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV014291.D

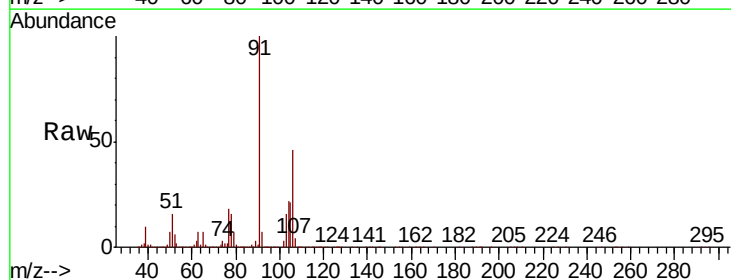
Acq: 14 Jan 2020 12:05

Tgt Ion:106 Resp: 621817

Ion Ratio Lower Upper

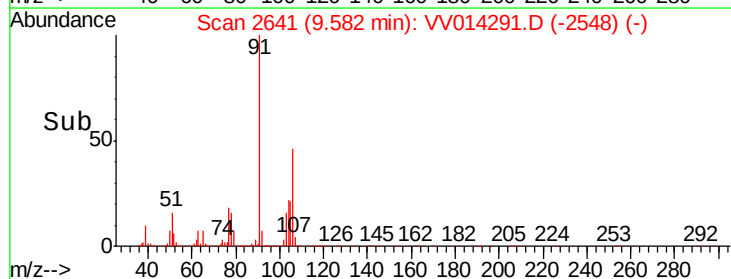
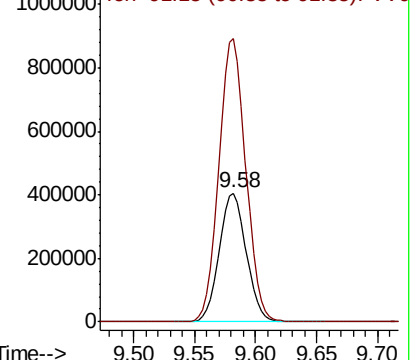
106 100

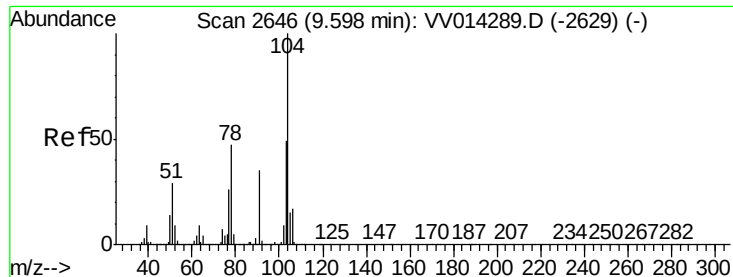
91 219.6 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

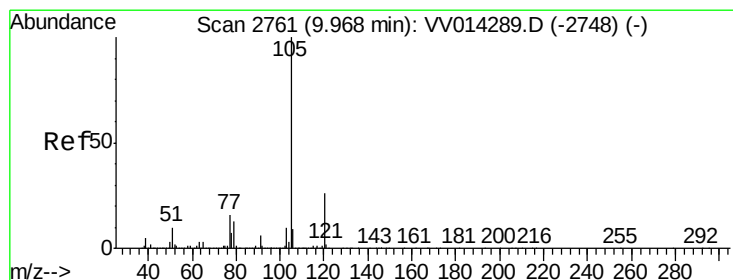
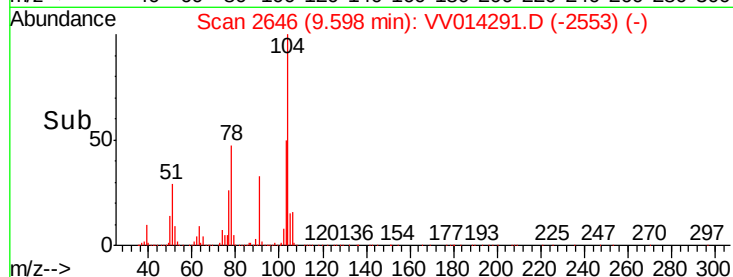
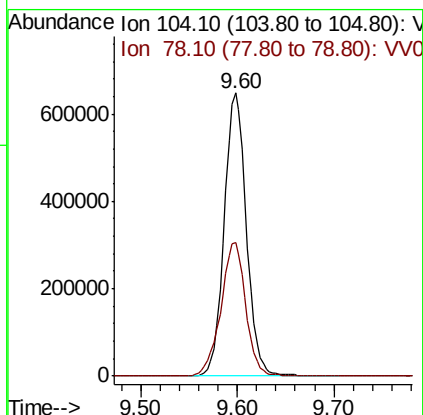
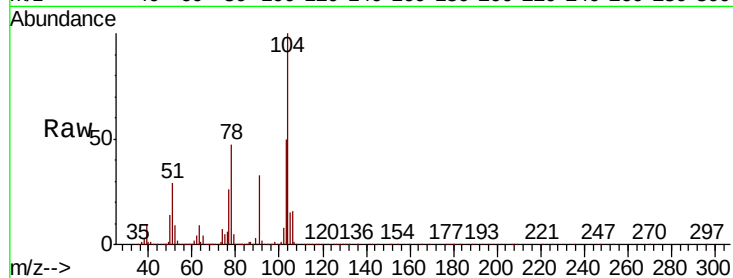




#55
Stvrene
Concen: 4.959 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

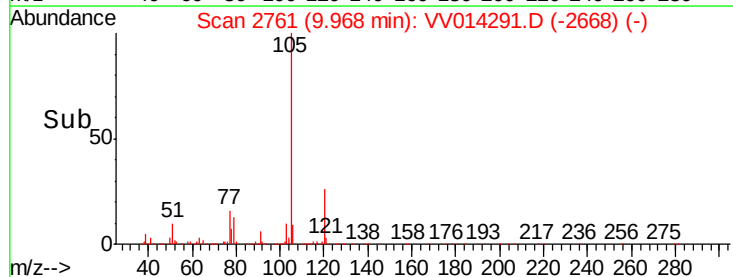
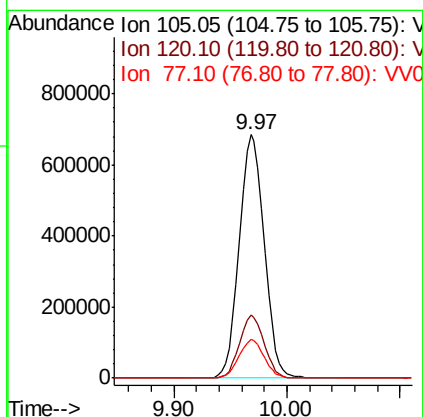
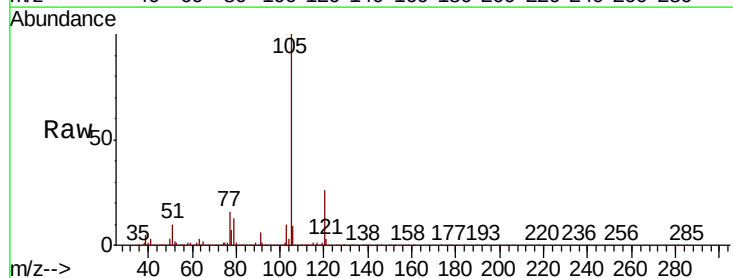
Instrument :
MSVOA_V
ClientSampleId :

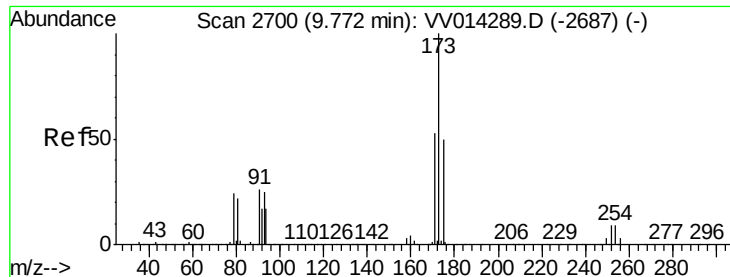
Tot Ion:104 Resp: 1031731
Ion Ratio Lower Upper
104 100
78 47.0 31.7 58.9



#56
Isopropylbenzene
Concen: 3.292 ug/L
RT: 9.97 min Scan# 2761
Delta R.T. 0.00 min
Lab File: VV014291.D
Acq: 14 Jan 2020 12:05

Tgt Ion:105 Resp: 1054759
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.4
77 15.7 12.5 18.7





#61

Bromoform

Concen: 4.504 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

Instrument :
MSVOA_V
ClientSampleId :

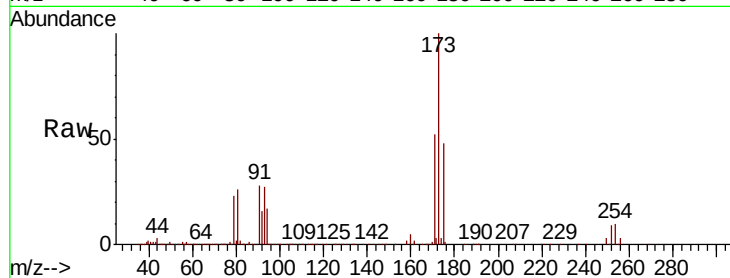
Tot Ion:173 Resp: 133361

Ion Ratio Lower Upper

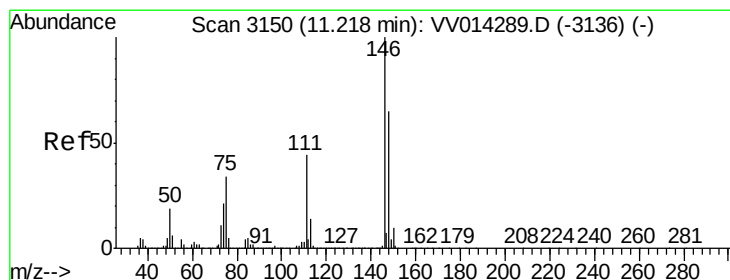
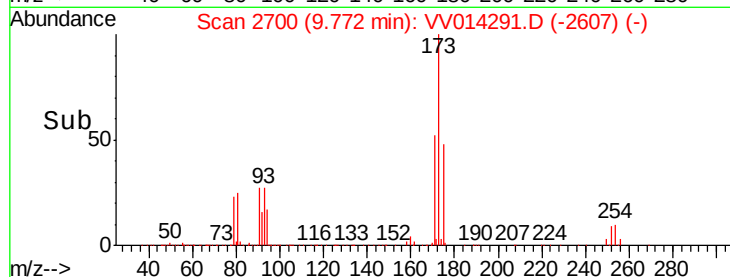
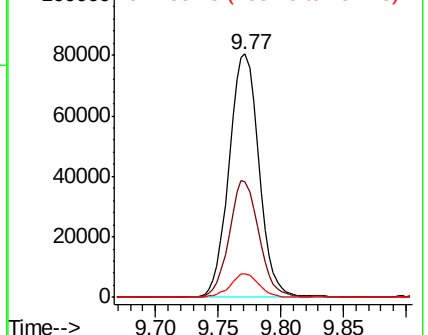
173 100

175 47.7 37.9 56.9

254 9.3 7.6 11.4



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#62

1,3-Dichlorobenzene

Concen: 4.071 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. 0.09 min

Lab File: VV014291.D

Acq: 14 Jan 2020 12:05

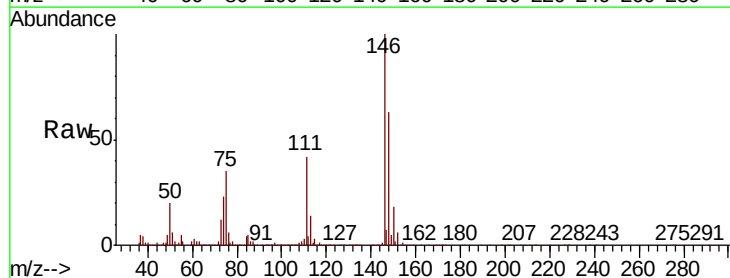
Tgt Ion:146 Resp: 555964

Ion Ratio Lower Upper

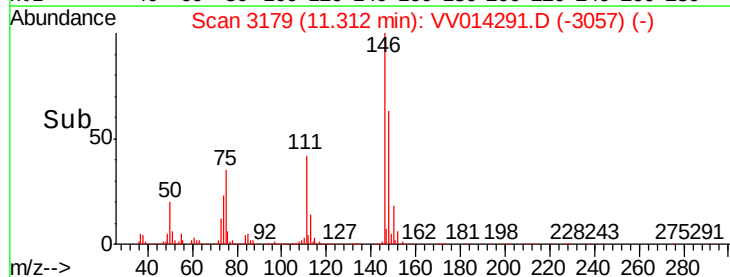
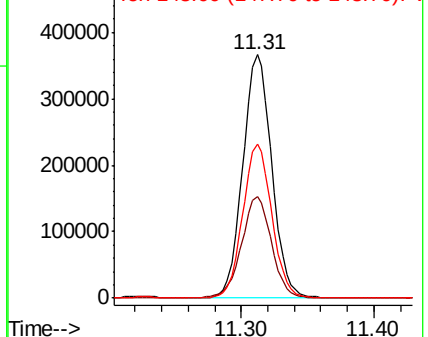
146 100

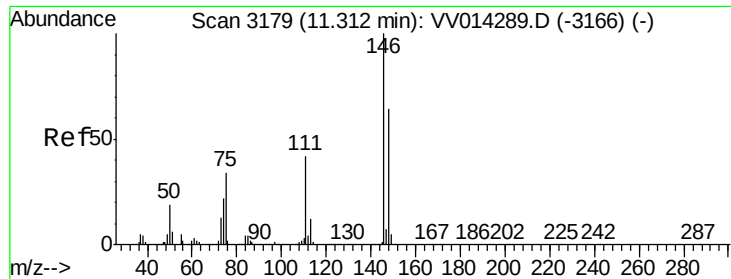
111 41.9 30.7 57.1

148 63.3 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

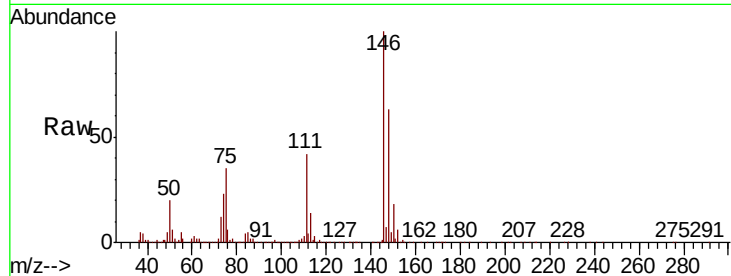




#63
 1,4-Dichlorobenzene
 Concen: 4.094 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: VV014291.D
 Acq: 14 Jan 2020 12:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.8	53.4
148	63.3	44.5	82.7

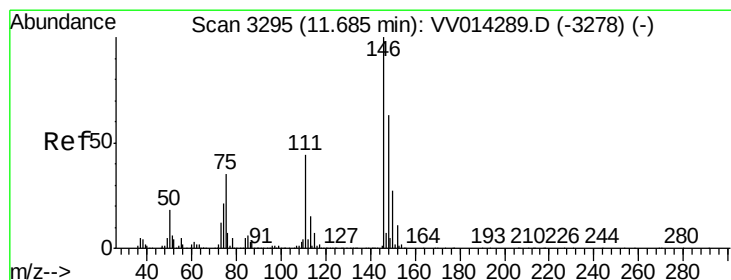
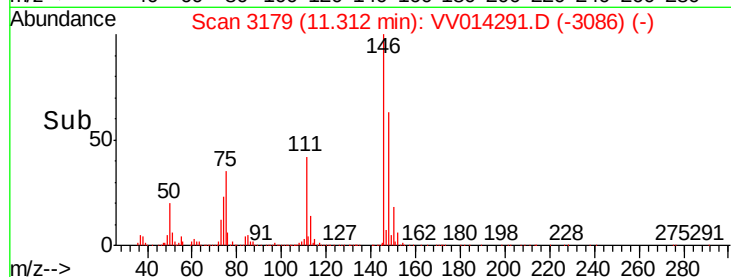
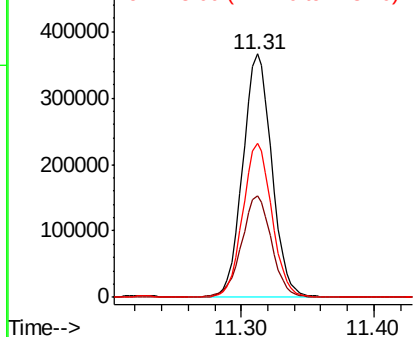


Abundance

Ion 145.95 (145.65 to 146.65): V

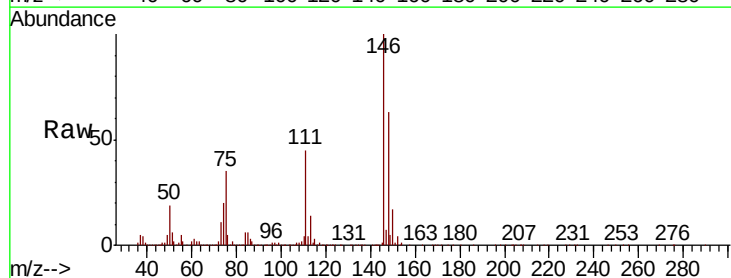
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65
 1,2-Dichlorobenzene
 Concen: 11.121 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV014291.D
 Acq: 14 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	36.4	54.6
148	63.4	51.3	76.9

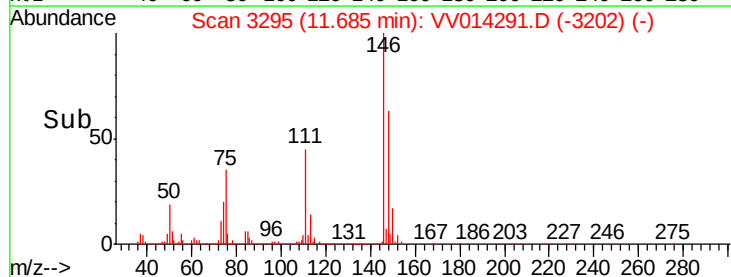
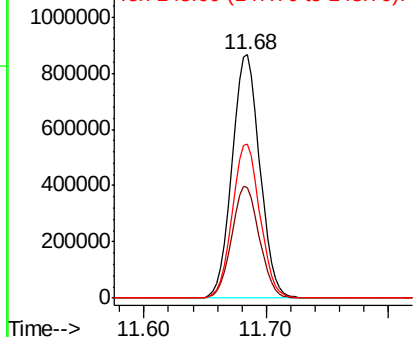


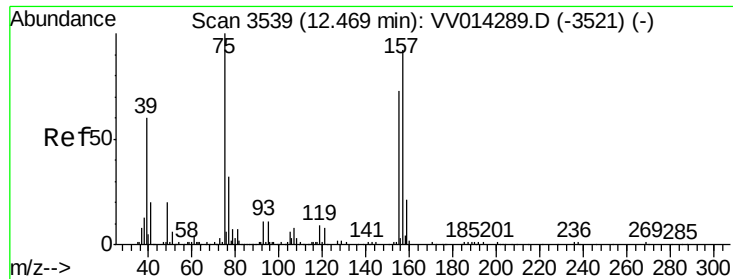
Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

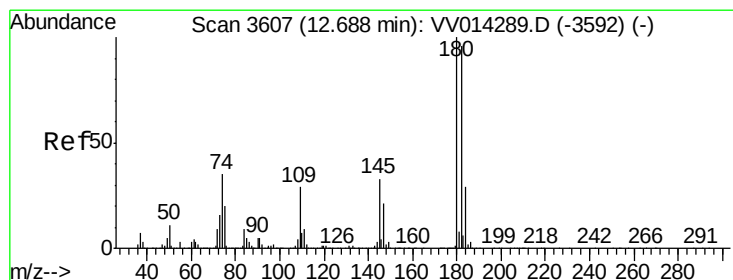
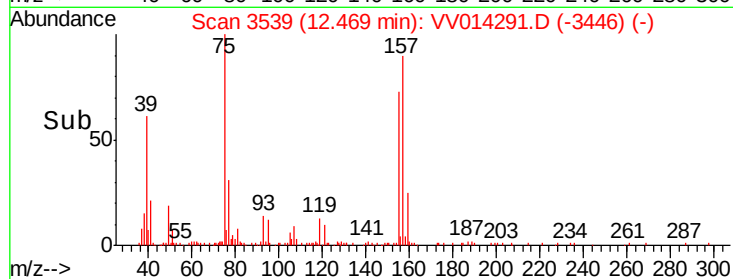
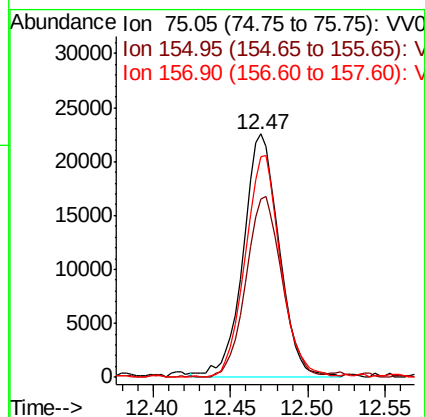
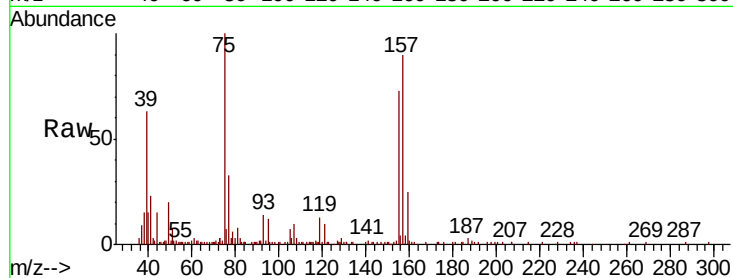




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.231 ug/L
 RT: 12.47 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VV014291.D
 Acq: 14 Jan 2020 12:05

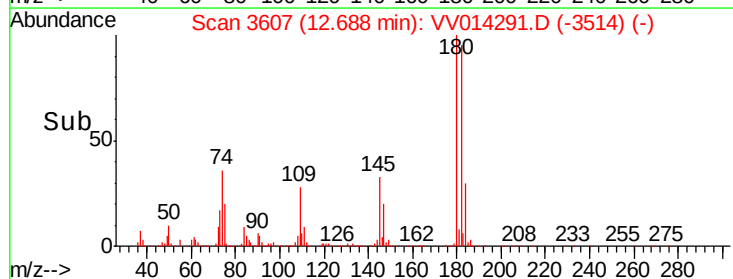
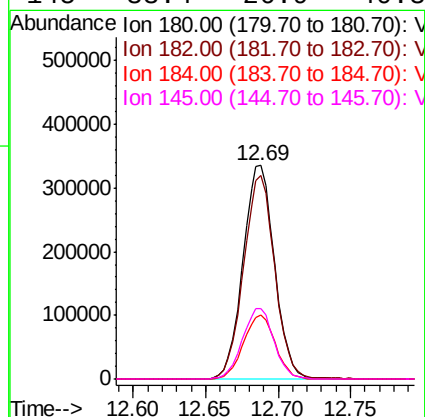
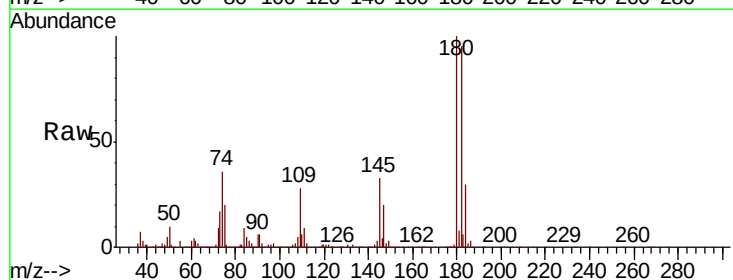
Instrument :
 MSVOA_V
 ClientSampleId :

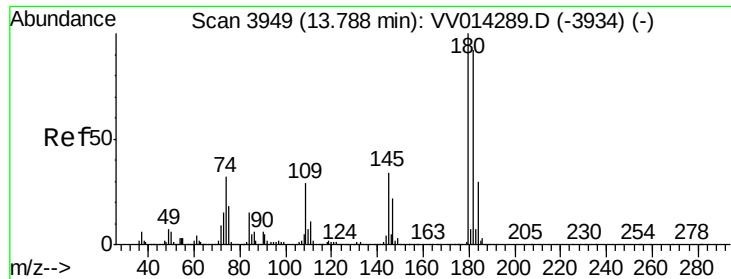
Tot Ion: 75 Resp: 36629
 Ion Ratio Lower Upper
 75 100
 155 73.4 56.9 85.3
 157 90.4 82.0 123.0



#67
 1,3,5-Trichlorobenzene
 Concen: 5.089 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV014291.D
 Acq: 14 Jan 2020 12:05

Tgt Ion: 180 Resp: 505370
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.2 115.8
 184 30.4 24.6 36.8
 145 33.4 26.9 40.3

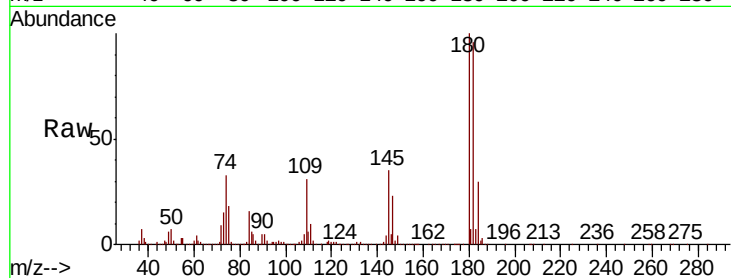




#70
 1,2,3-Trichlorobenzene
 Concen: 9.627 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VV014291.D
 Acq: 14 Jan 2020 12:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	180	Resp:	737865
Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.8	112.2
145	35.4	29.0	43.6



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

